

### **Abstract**

The present invention relates to a logic low noise amplifier and an amplification control method thereof. The low noise amplifier including: an RF amplification control  
5 circuit unit for controlling an amplification of an RF signal depending on an electric field intensity of the RF signal; a low noise amplification circuit unit for amplifying the RF signal under control of the RF amplification control circuit unit; and a through circuit unit for allowing the RF signal  
10 to pass therethrough under control of the RF amplification control circuit unit.